



Construction Reference Guide #4

Energy Upgrades Analysis

Sample Houses Using Halifax Weather Data
 Base House reaches EG80 with 1.50 ACH Air Tightness

House Type	Bungalow	Small Semi	Slab Ranch	1Lvl Row End	2Lvl Row Mid	2Lvl Salt Box	Avg Increase	Typical Increase	
Base EG Rating	80	81	81	80	81	80			
Upgrades	CFL All	80	81	81	81	82	81	0.50	0.5
	DWHR (2Showers)	81	82	N/A	82	83	81	1.40	1.5
	Solar DHW (2 Panel)	82	83	83	82	84	82	2.17	2.0
	Heat Pump	83	83	included	83	83	83	2.60	2.5
	Triple Glaze	80	81	82	81	82	81	0.67	0.5
	R-40 Walls	83	83	84	82	83	82	2.33	2.5
	ICF	81	82	82	81	82	80	0.83	1.0

* Data analysis performed by HAWK-EYE Technical Services Inc.